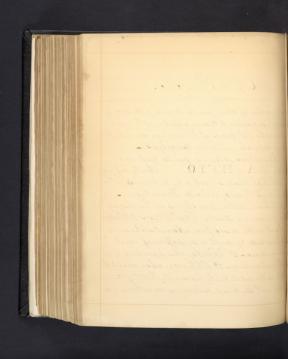
Paped March 22 0% Medical Differ La Lion Hamohysis. Thomas & Adams, Petersburys Tilginia.

Kg.

The MONTYSLS.
ejection of blood, from the Mouth, a
of wind from the sounce of places in of

cough subsequents to some affection of the breast, designates that species of the morrhage denominated by Nosologists pulmonary Hamoftysis .-Homopy sis so termed from two greek words AI MA & ITTY Q ... literally implying a spitting of blood, is located by the renounced oullen in the class Rperia, and order Hamorhagia. . By the came author, five species of this disease are shumerated, First, Hamopyyou plethonca when it neither arises from external violence, nor is proceeded by cough or suppression of usual wacuations . 2" No lenta, when proceeding from yternal violence .- 3th Phiorea, where emaciation and con finued de bilety enous. - 4th Calculosa, when with the blood calcareous con one Hons are



thrown up . 5th Vicaria, when it originales from up freshin of some accustomed everalism.

Hemopyysis comes on, with a sense of weight and anyiety is the chest, some defficielty of resperation; a pain of the breast, a sensation of head about the steenuse, soldish taste, flushed countenance, iritation of the Laring, which excels wughing and hawking, during which, a discharge of blood of a florid colour, mixed with a grothy fluid takes place . The irritation returning successive discharges of blood are hought up is the same manner, with a noise in the wind pipe, resembling the sound of air poping through a fluid . -The discharge of slood is sometimes small in quantity, and soon ceases, but in other cases tis is large quarteties, and continues for several successive days. But, it is seldom so profuse as to prove mor tal, either by excelo or sudden out: · Jocation . Though Ramoptysis may occur at

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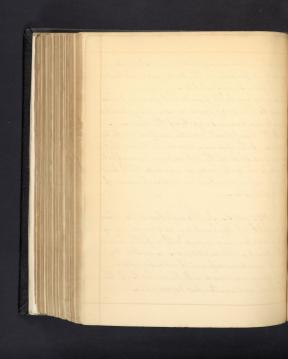
any period of lefe, it is a fewled by Buller, and in fained by so theograph experience that it orane met frequently between the ages of 13 and 35 pm. the flethere state of the Lange at that private.

Callold. The predisposing causes, are Junquine: ous temperament, queat sensibility and unitaber conformation of the clerk and previous aggle from of the Thorax . The Eyer Ling course are, a diminus tion of the weight of the atmosphere, violent exer: cise either of the body, or organs of resperation, exten nal orolence, and according to B. Gullen yes five heat Do Cauldwell, the annotator to Euller's practice mate machines of us to main Jain that Heats relayes, and Gold contracts the Lungs - But if the Laws of manimade matter, are applicable to any one part of the animal economy, why not to the whole . That excelsion heat does by racifying the

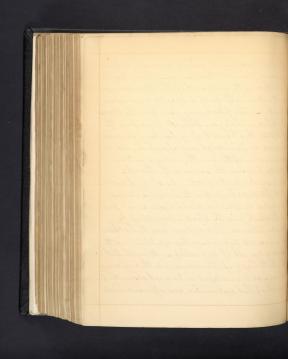
alletter . The Exect us and and a later I wast look on his he have a line

atmosphere, and consequently diminishing to gravity, or prefoure on the body, relay (at least) the our face, is in disputable -It is experimentally proved, that persons predis. posed to Homopysis, on ascending elevated moun fains, become in bjects of the disease. -But B! Cauldwell admits rarefied air to be a cause of the disease. Now we do know, that a rarified of the aknow phere, is an effect of eyes fowe head, hence we conclude That sheat. though not a direct, is an indirect cause of Deagnosed. In Remopfysis, the blood is brought up, by howking, and coughing of The blood in Hama Jemesis, is emitted by

more grumous, mixed with the contents of the somach, and unattended by cough.



mustion of the each seat of the Hamorehoge is ottended with much difficulty and uncer: dainty - The blood may four from the Faures hacker or Lungs .- When it flows from the Fauces, A is brought up by hawking unaccon. -panied by pain, cough, and of preferon, and on examination of the mouth, we are sometimes able to perceive the source in the throat. It is ofated by B? Good, in his ofudy of medicine that Hamon hage from the Lungs, is always preceded by flushed cheeks, Lyspina, and pain in the chesh, and the blood is brought up by lough - Whereas Homon hage from the hachea, It is preceded by no admonifacy symptoms, and the blood is trought up by hawking - Meregret that the Cathology of this disease, like that of many others, is still enveloped in too great obscurity to admit of that eyotematic, and efficient mode



of headment which distinguishes the occentific Physics cean from the empiric .-Homophysis was by the anciento, and still is by the moderno, too generally attributed to a supture of some pulmonary vefsel . - That Homorrhage, does take place from rupture of some pulmonary repel is demonstrable, both by A consequences, and defrections .- A knowledge of the delicate structure, great varcularity, and ince front action of the Lungs, would involun farily lead us to expect some occasion al derange - ment in that all important organ - But we Culmonary veforls to be of very gare occurrence and death, its almost uniform consequence -This sentiment is corroborated by & Lannic; who, in speaking of the cup sure of these we pels, afort. monory vefocls, one proceeding from a bursting

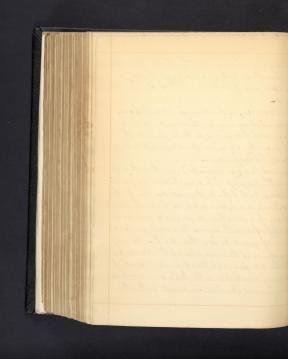
of anurion wito the Browchia, and the other from

Tubercular exeaver tron, both of which are attended by almost immedeate death. Do Aber crombie in his admirable Elsay on Romop Lysis, observes, that the breach of continue ity which has taken place, is equivalent to a wound, Amay either heal, or advance to suppura Aion - A desire to steer safely between the two great quicksands, Scepticism, and Gedulety, induces as , with the profoundes to respect to the invalua: ble acquirements, and experience of Do Aber: combie, to inquire by what ho foil le means care an union of the sup tweed parto be effected. A regention of the rup tured parts in actual confacts is, indespensably nece formy to effect their union; but of the practicability of this, we ender-Louis our doubts, for though the contractions of the Lungs may bring the rup fured parts into contact, their delatation will unmedeately displace them, and thus their union be impeded ?-

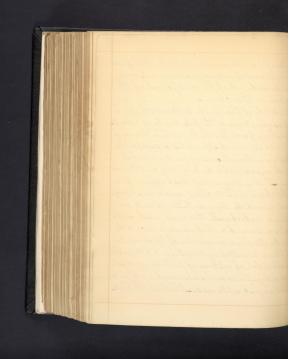
same cur a fice proce to in Romorrhages from the Lungs, as in Romonhager of other han to of the extern that the blood becomes the bond of union and coments the suptured parts. But from the great muscularity of the heart, which im= full the circulating fluid to the remotest harts of the eystem, from the proximity of the Lungs greater force and well cety, than it does in those spany other part of the frame. Be this admit Acd, then each subsequents column of blood. velocity and force, will displace the position of thus not having lime to coaque ate, previous to equate to their union - The blood thus effected

Real of the state of the state

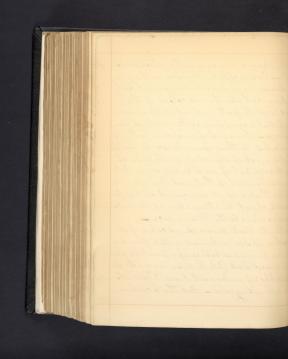
inglammation, which in a healthy Lung, terminates in suppuration, but in a discared Lung, can ulceration, and finally in Ohthis is Vilmo. nalisfor Lannie, in heading of Hamoh Jusis, observes, whatever may be the severity of this disease, resolution seems to take place with cures of Hamop Lysis .-Thave not had (continues he) oppor Junifies of having the progress of this resolution by morbid defrections, but I think Amust be complete, vestige of induration in subjects, who had been affected with severe Hamorrhage for a period of years, be fore their death - The very brumofance of the researches of D. Lannie, and other in de fa sigable ana Somisto, is quest of having proved a bor five, combined with other



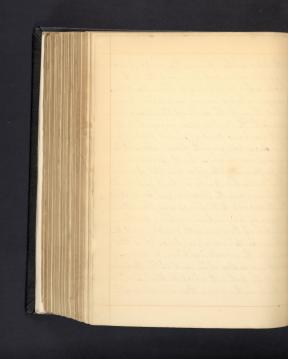
considerations, includes us to attribute that spaces (Homop Lysis of so common occurrence to some morbid ofate, not of the Lungs, but of the Fachea or Monchia. we presume beyond the popor beliefy of a doubt the nachea and it appendiced is susceptible of in flammation, theorem ing, and ulceration, and Ar vefoels, leable to turgidety and Hamon : hage - It is obvious, that blood effused from : oarely gravitate towards the Lungo, and on coming in confact with that organ, must excite ioughting, hence it is, that we are induced to consider the common opinion of Medical Mon the ognif som of supture of pulmon cory vefeels, unot altogether correct, since coughing may be yested as just explained. - Gullon, Thomas



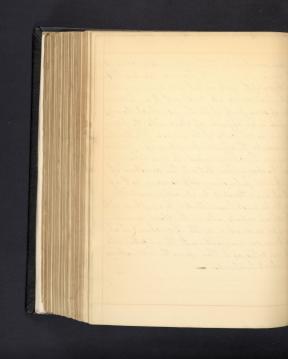
Good, Lennic, and every author, whose works we have had an opportunity of conoulting on coughing, but also the red colour of the blood, and the groth (with which it is minged) the Lunge - our want of coincidence with the above cited authors, you will ascribe fur hope to a desire not of difsenting you the rake of year heerty, but of contributing our mite to the advancement of that most humane and philanthropic of all ociences, which has for its noble object, the alleviation of the mala: dies peculiar to the Human race. Whether the blood deriver its red colour from apostion of hon confained in that fluid, or from an cenimal substace of a poculiar na: Aure, our cep & ble (leke the colouring matter grow vege tables Joh uniting with bases, Chymisto have not yet agreed - But this is certain,



that the blood on its return to the right Curicle i of a purple colour, but on loaving the left Tenfricle, woh a bright ged or Vermillion colour. Som of Car bonic acid gale, and probably by thus decar bonizing the blood restores it to It original red colour - Do the pulmonary Veloces perform any other office than that of convey. Good Slowing from the Tracker and conducted by the Bronchea to the Lungs, may there attain be see loved to its red colour, hence it is that we con order the red colorin of blood, by no means chage, and the first with which the blood is envised is, we think nothing more than a mexture of the



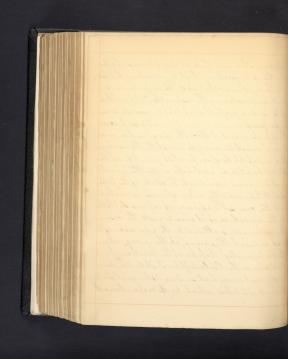
mucus, newfeel by the Kachea a Bronchia with the air . - Bo Lannic ascribes Hap. - of topses of the most violent and dangerous kind that which reside all treatment to an indurar don of some party of the Lungs, which he says consists in an effusion of blood into the paren. chijna, or air colls of the Lunger Whether this Agusson be the effect of rup fure of a pulmo: mary or Trackeal refsel, he does not say; but from his observation, that only two varieties of ruptured pulmonary vefsels occur, both of which are attended by almost immediate death; he must have alluded to a supture of the hackeal vefsels, whence the blood eminating may be conducted by the Bronchia (which we know communicates with the air cells) in to the air cells, and there forms the indurations of which he speaks . -



Treatmenty - In order to treat any opecies of Manorhage rationally, and successfully, it is necespary first to ascertain the kind of Romorrhage, and then to adapt the mode of headment to the nature of the case - Thus Heinsplysis of an active for to use the modern and more appeopriate terms) of a tonic or pypeyia kind, will ouggest to the reflocting practitioner, a depleting and sed adive mode of heatment - Where as Hamop Jusis, of a papine, adonie, or pyreyial kind, would suggest the proposely of a lovic and ashingent mode of heatment? We shall now proceed to consider the pland treatment adapted to active Tonic or Pyreyial Round types, which may be known by the Hamorrhage, attended by whard quick pulse, that and dry cough, difficult resperation, and a sensation of oppression, and pain in the Chest-The primary indication here, is the reduction of

de of her but he was

Yascular action and the most direct energe of elder ting this, is Venesce tion, which by diverting the blood from the rup dured velel, and its neigh bouring parts, and relawing the respiratory apparatus of its undue proportion of blood (nam uti initato its fluxus) whence proceed the oppression and difficulty of neshiradion, must have a direct tendency to orrest the Hamorrhage It is impossible to specify what quantity of blood should be at once abstracted, for the grantity must be varied according to the of ale of the pulse, constitution, and other circumodances connected with the case The efficacy of copious depletion by the Lancet, so as at once to quell the vascu: larycitement, is attested by the yperience of the most eminent Physicians, at the among whom the distinguished Professor of the peachice of Medicine is the Philadelphia Institution, desir. wedly ranks very high - Some as hingen I should be next exhibited, which by its cooperation with



Venesiction, may check the hemorrhage -Of the astringents, the Acefas Plumbe, is most generally selected for this disease - It is usually given in the dose of yos i-ill in combination will & Chapman in his headise on this or ficle; in fine: ales that the usual dose of you. 1-111. is too ornale torestrain copious Hamorrhages, hementions an instance of his having quien, of which from ed ineffectual, and insecent to the patient, and relates a case of an old boman having taken by misdake It. without experiencing any other inconvenience, than its purgative effect. He Juther observes, that the administration of this medicine should be preceded by Time. section, otherwise it will prove not only un: eavailing, but pernicious to the system? pecac, administered in nausea long doses, either alone, or combined with ougar of Lead and Oping seems to be admirably adapted to this species of

anchers, and property to a cooler or

Hamorrhage - The Muriate of Toda, or common culinary salt, is highly recommended by the Mustilions Dr. Rush in this disease; its moder Operande does not seem to be under: . And though its efficacy is generally attribus Led to its as hungered property- It is given in substance, in the dose of a tea, or table spoons Aull wery Sifteen or twenty minutes . -The Mariolic Solution composed of white Khriol- Rock Alum, and Eschineal, was much recommended by De Mosely, and other but it is not much used, on account of the great difficulty of its redendion, by irridable or delicate Istomacho. - Alum, was Jamesly used in this disease, but Dr. Eullen, dermed I inappropriate to this species of Hemowhood and in this opinion, he is supported by Br. Chapman . The Elixis of Vidriol, was Dr. Sydenhams davorite remedy in Hamo. physis, and of its efficacy little doubt is

derate of one cold - Alem and Caroling was the free of the

ender Jained - From its tonic property, it is probe . bly better suited to passive than Metice Hamon. : hage the common dose is from 10 do 20. drops every two or three hours - The proposedy of Tome Lion X in this disease remains as get unsettled on Brian Robinson, the most healows advocate of this practice, attributed the effici. acy of Emedies, to a construction of the Capil. lary, or extreme repels, which he supposed to be Priduced by the Emelic speration . But it is a gack, the huth of which is attesded by the specience of every practitioner of the least observation, that tomiting produces a general excitement of the system and deter: mines to the surface, whereas Nausea, alone is attended by a great depression of the Tascu. lar Tystem, and a cool, and general collapse on the our face -Nowif B. Robinson, is correct in ascribing the advantage derived from Emotic articles

Colonied of the State of the St the dieses we are a city and the didant to the land a dies the Who condage -

to a constriction of the capillary Vefeels, we enter: Jain little doubt of the paperior efficacy of Nausca, over Tomifion in this disease-The common proclice of administering Specac is small and repeated doses of one, or two mains, Jo excide and keep whe Nausea for some hours, seems a much more rape and effectual treatment. The very originar operation of the Digitalis, or Boy Ylove, in retarding the frequency of the pulse; ougges. And its use in excline Hamorrhage, and it has been attended with considerable ouccep-It is considered by some, a precarious medicine in small doses not acting promptly enough, but in large doses most violently even yeit. ung vomiding -Experiments prove that its first effect is that of a derich Thinulant, encreasing the velocity, and couse greatly the number of pulsations, succeeded by its declative effort

a servation de doubt considera la executa-

the reduction of vascular action, herce to quard against any deleterious effects from its stimulast property, Venese Fine should be premised -Nitralo Cotalore, a Niko, by dimenio he day sescular action, has proved of great whilely in active Hamorhage - It is queen alone, or in combination with far for Emetic -A Paturaked coludion of it, in ardent shire to is shoken of by De. Chapman, as a popular se: medy in this disease, it is given in the dose of a table spoon full at short in Lewals to suppress the flow of blood - The Mineral Acids, have also been prescribed in this disease of Elixis Vifriol .-The subsequent intereogation is put to the Medical world by D. Barwin, will not

lesson Paperelais - Paranishe day of product the ellerical street, and and world but the grown with not

Emmersion of the whole body, into cold water, onrest the Hamonhous: With all due respect to this man of inestimable worth, we assume the liberty of responding in Immer ston in Cold water, we deem a hazardon remedy in this disease and should be resor ted to only in desperade cases - In Romop Lypis, there a generally an engorgement of the Lungs, and adjacent hards - But it is the openion of Physics ceians of the greates & experience in the use of the Cold Bath, (if Smistake not) that cold wafer especially in the Sorm of Timmer don, possesses in addition to its stimula Ling effect, the property of de termining the blood in ternally to the Viscera and consequentle must tend to the disposed to defent from Da Warwin, suppose. mig him to advocate the affirmative of his question. Blisters are said to be of great

utility in this affection, but there oxis to among Physicians, year discrepancy of opinion, rela. tive to their proper situation pineiple, that their efficacy is mohor horized to their proximily to the affected hart, recom mend their application to the chest-It is with respect for the talents, and wealer cable experience of D. Bhapman, and those concurring with him, that we aprel our sentement-The circums dance of This ters, acting on the much le of Revellents, induces us to think that as in Apopleyy, their application to the the disease form both diseases, our object is to dwest the blood from the Head, and Chest the nat of the respective diseased -But Blisters acting by Revulsion, attract the

Good, from the general Lyolen towards there and hence we think they prove more expecient, applied to the extremities that to the chesh -Have we in quest of Medicines, adapted to the orduction of Vascular action we should select the Rudice go are Burgafines . cal even, that the Tyolem can bear but little we cannot regrain from thinking, that the this opinion, we have the concurrence of gre Bullen and Thomas -Of the advantage of purgadiver is that Cheaise A Homoh Lysis, occasioned by supparlsion of the Menses in consequence of Constipa: tion, we are almost convinced, though destitute of experimental knowledge - We meet with frequent cases recorded in the chedical

the and will the at a

annals, of the successful employment of Jungation But why purgadives, are so sparingly, and even so seldom employed in Hamop Jusio, it is dife ficilt to conjecture; unless it be attributable to a blind superdidions adherence Is the prince. ple above mentioned. Wiz, that most affections of the breast, are aggravaded by Jule purging. There are other circums lances worthy of our attention -The Carrent should adhere ofuelly to the of the mind - but some hinds of weeds from such as sailing, travelling in an easy Carriage have proved bene ficial -But if the Ramorrhage becopious, the partient should be with perfect tranquelity in bed with his shoulders elevated - He should be

I hat Hammer he he colone

kept tociture, as the flow of blood, may be sinduced by loquacity accelulated drinks, and milk, his Bowels should be kept soluble, and his Chamber cool and well Ventila fed the Chest, Ayilla, or Armpito, and partice lasty to the Torofum or Genidals_ Cold applications to the last mentioned harts, are highly recommended in both Chistarts and this disease. -Passive Hamophysis We shall conclude, with a few reflections on the Headment of Passive, Atonic or Apyres ial Hamohaysla This species of Hamohofys is always connec. And with more, or less debility, may occuras

meller of the desire.

Active Homopetysis - The debility at. tending this Homorrhage, will of Aself mages P So the practitioner the primary inde: cadious, the invigoration of the general Typter and the responation of the Vascular Motern to it natural Tone -The Tonics are best suched to the Sulfilment of these indications -The Peruvean Bark stands preaminent above its associates in the neadment of by the Samous Dr. Rush, as an arfiele of the most decided advantage in this disease. It is usually given vilone, in substance. -Dr Bhapman recommends the while Sion of the Bark in combination with the Chall . beades by which (he thinks) its efficacy is enhanced the corner Inefo of which we annot aussion - The Mineral Acids

better suited to Paloine, than Active Ko. morhage the preference is almost invaria. Aly queen to the Kulphuric -The Vege dable Ashingends Him and Eatochu have been used in this disease, but with so little benefit that they are no longer prescribed -In obstinate cases of Hamop I you we should resort to the Hercielogn Remeden Mer Cury, has been advandageously used, as an alterative in those cases which were supposed to have originated from Bileons Un instance of this disease, yielding to a shontaneous valuation, is mentioned by Mr. Bano. D. Parr also rela des a case which after resisting every headments, was removed by Mercury_

Collection been beech to their deserve

beneficial in intractable cases of Hornop. Aysis -The Padient should take moderate exercise, his Deet should be nourishing, and his Drink should be chalf Liquors, particularly lorter. This headment failing, as a Dernier resort, the patient should remove to a warmer Elimate, or take a La Voyage - Eures have come times been thus effected after the fai: lure of every other plan of heatment. In the conclusion of this Epay, candow unges its author to a frank confession of his obligations to several Modical authors, but more especial. by to your personneatly Illustrious profiles of the practice of Medicine -Tome plea may possibly be expected of its Composer, for its great unper fection, but aware of its many joults, he diffidently submits it to the inspection of the learned

Faculty, flattering himself will the hope that the circumstance of its being the production of a youth ful, and un disciplined, murd, may suffice to above for the goof-rule, and multiplicity of its stepe to.









